

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

February 28, 2008

All Contents in Acre-Feet

RESERVOIR	CAPACITY*	CONTENTS				% CAPACITY 2/28/2008	%AVERAGE 2/28/2008	Reading Date	COMMENTS
		AVERAGE 1960 - 2007	Last Year 2/28/2007	Last Month 1/31/2008	PRESENT 2/28/2008				
	Full Pool								
	Contents								
ACKLEY	6,140	3,223	2,204	2,172	2,172	35	67	2/29/08	estimated no change
BAIR	7,300	3,846	1,850	1,600	1,583	22	41	3/3/08	from Bob A. sd = 327.5'
CATARACT	1,478	400	500	363	310	21	78	3/4/08	from Bob A. sd = 129'
COONEY	28,230	18,718	16,317	16,882	17,170	61	92	2/28/08	from Dave Adair (Billings RO)
COTTONWOOD	1,900	575	449	190	239	13	42	3/3/08	from Bob A. sd = 70.5'
DEADMAN'S BASIN	75,968	45,571	38,200	23,060	26,061	34	57	3/3/08	from Bob A. sd = 509.5' (22311 af)
E.F. ROCK CREEK	16,040	8,541	6,381	9,584	10,160	63	119	2/29/08	from data logger
FRENCHMAN	3,752	2,736	1,823	1,415	650	17	24	2/29/08	from Dave Larson - actual survey
MARTINSDALE	23,348	8,356	0	0	0	0	0	3/3/08	suply canal flowing staff = 0.72' sd =785'
MIDDLE CREEK	10,184	6,035	6,861	6,359	6,441	63	107	2/29/08	by Roy Kaiser NRCS walk way -- 26.5'
NEVADA CREEK	11,207	5,432	5,230	4,595	4,710	42	87	2/29/08	from Randy Hawkins sd = 155.25'
NILAN	10,992	6,294	7,185	5,687	6,055	55	96	3/5/08	from David Isakson gd = 20.6' (5155 af)
N.FK. SMITH RIVER	11,406	6,194	5,144	4,765	5,083	45	82	3/3/08	from Bob A. sd = 217'
RUBY RIVER	36,633	26,826	26,400	22,634	26,023	71	97	3/1/08	from Neil Todd sd = 134'
TONGUE RIVER	79,071	38,997	51,504	51,244	51,244	65	131	2/29/08	from Mark Van Haele res elev = 3419.9'
W.F. BITTERROOT	32,362	5,259	9,256	9,139	8,810	27	168	2/29/08	from Al Pernichele
WILLOW CREEK	18,000	14,331	14,813	11,715	11,957	66	83	3/4/08	from Bob A. sd = 123.5' (boat ramp)
YELLOWWATER	3,842	905	127	600	600	16	66	2/29/08	estimated no change

* Note: Reservoir contents include dead storage at the following:

Ackley	325 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	Willow Creek 269 AF (O&M storage table includes dead storage)

* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data.

* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data.

* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

* Note: Ruby River capacity reflects capacity at concrete crest elevation; capacity at top of flashboards is 37,612 A.F.

* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data.